Item Item-12

BOOK

ns		Contents	Refere to la Measur
eadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496764

Serial No. 1st & final bill:-

Name of Work Construction of toilet From building and other development works near RKVK To

Name of Contractor of nature of Agency layout in ward no.07, byatarayanapura kodigehalli. [Modified]

Date of commencement of work ↳ M/s. KRIDL

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Est cost:-	Rs.15.00 lakhs					
	Jobno:-	007-18-000105					
	Head of account:-	P3250					
	A.S.NO:-	NO.AS/CE(RDTP)/299/17-18, dt: 13.03.2018					
	T.S.NO:-	NO.TS/EE(YNK)/301/17-18, dt: 13.03.2018					
	Workorder amount:-	Rs.14,99,827 (Including KRIDL charges)					

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
n		in ordinary soil,	
50	0.50	56.00 cum	
		Abstl. N.D. 25/9/19	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 496769

Serial No. MAIN BILL:- From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Est cost:-	Rs. 15.00 lakhs					
	Job no:-	007-18-000105					
	Head of account:-	P3250					
	A.S.NO:-	NO. AS/ CE(BTP)/299/17-18; dt: 13.03.18					
	T.S.NO:-	NO. TS/CE(VNK)/301/17-18; dt: 13.03.18					
	Work order amount:-	Rs. 14,99,827 (Including TRIDL charges)					

ok

Depth 6	Contents 7	Reference to last Measurement 8
tion	of buildings	
ical	conduits	
re in	width, in	
um		2471.89
on plain cement		
80kgs, with 40mm		
.82 cum		
		157744.66

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No 04:- Providing and constructing granite/trap/basalt size stone masonry in foundation, with cement mortar 1:6, Qty vide page no. 4968/496765 → 6.83 cum At the rate of Rs 4521.96 →						30884.99 30890.00
	Item No 12:- Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200mm having block density not less than 1800kg/m3 and having a minimum average compressive strength 5.00N/mm2.,						

Item 12

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Toilet:- Outerswall	01	20.40	-	2.70	= 55.08	
	Internalwall:	01	3.45	-	2.70	= 9.32	
		01	13.40	-	2.10	= 28.14	
	Parapet wall:		20.40	-	0.45	= 9.18	
	Deduction for openings:-						
	Door - D1	-2	0.90	-	2.10	= -3.78	
	Ventilators:	-10	0.60	-	0.60	= -3.60	
						94.34 sqm	
	At the rate of Rs.	1011.96 →				95468.31	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
1	Item No.11:- Providing Qty vide page no 4 At the rate of Rs. 6
	Item No.10:- Providing of design mix M20 wi graded metal coa @ 0.46cum with s

Item. 10

M. A. R. 57 (Rule 116)
Measurement Book

No 3771

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.11:- Providing T.M.T steel reinforcement for RCC works.						
	Qty vide page no 4968/496766 →				0.53 / 0.527	tonne.	31901.41 / 32118.00
	At the rate of Rs. 60534.00 →						
	Item No.10:- Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320Kgs, with 20mm and down size graded metal coarse aggregates @0.69cum and fine aggregates @0.46cum with superplasticisers @3Lts.,						

BOOK

sions		Contents	Reference to last Measurement
Breadth	Depth		
5	6	7	8
-	2.70	= 55.08	
-	2.70	= 9.32	
-	2.10	= 28.14	
-	0.45	= 9.18	
-	2.10	= -3.78	
-	0.60	= -3.60	
		94.34 sqm	
		95168.31	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Toilet:						
	Plinth beam	01	20.60	0.20	0.30	= 1.24	
	Roof slab	01	6.80	3.40	0.15	= 3.47	
	Slab projection:	01	6.80	0.45	0.15	= 0.46	
	for passage:	02	10.0	3.50	0.10	= 7.00	
		02	15.0	3.60	0.10	= 10.80	
						22.96 cum	
						15298.69	
	At the rate of Rs. 6650.64 →						
	Item No. 14:- Supplying and fixing pressed steel door frames size 125x65 mm manufactured from 1.25 mm th carbon steel or imported steel strips with mitred joints of 90° for door openings and shutters.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Door
	At the rate
	Item No. 15:- Providing
	for flooring trad
	flooring
	wall tiles
	Deductions:
	Doors

Key (17)

NT BOOK

mensions h	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
60	0.20	0.30	= 1.24	
0	3.40	0.15	= 3.47	
30	0.45	0.15	= 0.46	
.0	3.50	0.10	= 7.00	
5.0	3.60	0.10	= 10.80	
			22.96 cum	152698.69
1 →				
g pressed steel door frames				
d from 1.25 mm th carbon				
s with mitred joints of 900				
.)				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Door	02	0.90	-	2.10	= 3.78 sqm	14288.40
	At the rate of Rs. 3780.00 →						
	Item No. 15:- Providing and fixing colour glazed tiles all sizes 10mm th for flooring trades of steps :-						
	Flooring	01	6.35	3.10	-	= 19.69	
	Wall tiles	07	4.00	-	1.30	= 36.40	
		01	8.10	-	1.30	= 10.53	
		01	12.2	-	1.30	= 15.86	
	Deductions:						
	Doors	01	-2	0.90	1.30	= -2.34	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		02	-7.0	0.70	1.30	= -12.74	
						67.40	
	Qty upto 125% →	20.91	@ 588.60 →			12308.00	
	Qty above 125% →	46.49	@ 588.60 →			27364.00	
	Item No.16:- Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings,						
	ventilators	10	0.60	-	0.60	= 3.60	
	At the rate of Rs.	3812.40 →				13724.64	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No.17:- Providing and f
	composite door shutte
	internal doors
	At the rate of Rs.
	Item No.18:- Providing
	cement mortar 1:4.,
	At the rate of Rs.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO.25:- Providing and applying two coats dry coats dry distemper.,						
	Qty ride item no. 22 →		72.18 sqm				
	Qty upto 125% →		16.00 sqm @ 54.00 →			864.00	
	Above 125% →		56.18 sqm @ 54.00 →			3034.00	
	Item NO.26:- Providing and fixing white vitreous china clay, water closet of size a pattern of size.,					= 07 nos	
	At the rate of Rs: (illegible) →					32780.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2
	Item NO.27:- Pron
	type, Lipped fron
	At the rate
	Item NO.28:- Pro
	basin.,
	At the rate

14.07 4968

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 37:- Providing and constructing granite/trap/basalt dry stone masonry:-						
	Side-wall:	2·0	10·00	0·60	0·60	= 7·20 cum	
	At the rate of Rs. 4521·96						
						32558·60	
	Item No. 38:- Providing and laying in position plain cement concrete of mix 1:2:4:-						
	Coping:-	02	10·00	0·60	0·075	= 0·90	
	Vent:	1·0	10·00	0·60	0·150	= 0·90	
	Ramp	01	6·80	1·60	0·15	= 1·63	
						3·43 cum	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty upto 125% →
	Qty above 125% →
	Item No. 39:- Providing uncoursed stone ma
	At the rate of

14:07 4968

BOOK

...ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
granite/trap/basalt			
0.60	0.60	= 7.20 cum	
		3255.00	
position plain cement			
0 0.60	0.075	= 0.90	
00 0.60	0.150	= 0.90	
30 1.60	0.15	= 1.63	
		3.43 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496779

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty upto 125% →	2.63 @	5876.28 →				15455.00
	Qty above 125% →	0.80 @	5876.28 →				4713.00. 4701/-
	Item No 39:- Providing flush pointing to square rubble, course or uncoursed stone masonry.;	02	1.0	10.0	0.70	= 14.00. sqm	
	At the rate of Rs. 104.76 →						1467.00
	Clr Rr 1/10/19						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 40:- Providing and removing centering, shuttering, shutting, propping,						
	Qty vide page no. 4968/496768 →					16.60 sqm	
	Qty upto 125% → 7.50 @ 338.04 →					2535.00	
	Qty above 125% → 8.50 @ 338.04 →					2873.00	
	Item No 41:- Providing and laying in position reinforced cement concrete of design mix M20,						
	Qty vide	01	13.07	10.00	1.60	0.23 @ 3.68 cum	
	At the rate of Rs 6491.00					23890.00	

Item No.01:- Earthwork in
Qty vide pag
At the rate of

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No 42:- loading and
	Qty vide item
	At the rate of

Assistant Executive Engin
Kodigehalli Sub Division
hat Bangalore Mahanagar
Bangalore - 560 09

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
g, shuttering,			
	16.60 sqm	2535.00	
		2873.00	
etion reinforced cement			
1.60	0.23 =	3.68 cum	
		23890.00	

Item No.01:- Earthwork in surface excavation in ordinary soil,

Qty vide page no: 496768 → M. A. R. 57 (Rule 116) Measurement Book No. B 56.00 cum

At the rate of Rs. 169.56 → 9495.36 496780

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No.02:- loading and unloading charges,						
	Qty vide Item no( ) →					259.20 cum	
	At the rate of Rs. 96.12 →						24914.36
						1307983.9 Subtotal=	1308165.51
						143878.23 11% KRIDL charges=	143898.21
						1451862.14 Grand total=	1452063.71

Assistant Executive Engineer
Kodigehalli Sub Division
hat Bangalore Mahanagara Palike
Bangalore - 560 092

22/6/2020

No bill of N.D
AE(NP)
22/6/2020

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate:-						
1)	certified that contractor has done the work satisfactorily.						
	Asstt. E.E AE(1st)						

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

4968

14.07

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, o
1	2

towards
double road

Asstt
AE

OOK

dth 5	Depth 6	Contents 7	Reference to last Measurement 8

e work satisfactorily.

utive Engineer
Sub Division
Mahanagara Palike
- 560 092

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496781

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

→ N

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	towards Jakkur						
	(6.8x 3.4m) Toilet						
	Jakkur college						
	towards double road					towards Jakkur	

PLAN

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike

1st & final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	P3250						
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ Special Development Works ರಡಿ		1st & final	1451860			
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 1451860/- ಗಲನ್ನು ಪಾಸು ಮಾಡಿದೆ.		IT	29038			
	ಇದರಲ್ಲಿ ರೂ. 159460/- ಗಲನ್ನು ಹೊಂದಾಣಿಕೆ		Cess	12964			
	ಮಾಡಿಕೊಂಡು ರೂ. 1292400/- ಗಲನ್ನು		Scst	12964			
			PSD	72598			
			Cess	14519			
			CBT	1452			
			LR	14522			
			Fine	1305			
			Ded.	159460			
			Chqw	1292400			

FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ವಿಷಯ ನಿರ್ವಾಹಕರು

ಲೆಕ್ಕಪರಿಶೋಧಕರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃಬೆಮಪಾ, ಬೆಂಗಳೂರು

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 13/07 ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃಬೆಮಪಾ, ಬೆಂಗಳೂರು

4968

LC 07

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2